SEOUENCE LISTING

<110> ETTENSON, David S. BURGESS, Wilson H. DROHAN, William N. MACIAG, Thomas

<120> COMPOSITIONS, METHODS AND KITS RELATING TO THROMBIN DEGRADATION RESISTANT FIBROBLAST GROWTH FACTOR-1

<130> 054474-5005

<160> 8

<170> PatentIn version 3.1

<210> 1

<211> 638

<212> DNA

<213> Homo sapiens

<400> 1

gaatteggga acgegecaca ageageaget getgagecat ggetgaaggg gaaateacea 60 cetteacage cetgacegag aagtttaate tgeeteeagg gaattacaag aageecaaac 120 teetetactg tageaacggg ggeeacttee tgaggateet teeggatgge acagtggatg 180 ggacaaggga caggagegac cageacatte agetgeaget cagtgeggaa agegtggggg 240 aggtgtatat aaagagtace gagaetggee agtaettgge catggacace gaegggettt 300 tatacagete acagacaca aatgaggaat gtttgtteet ggaaaggetg gaggagaace 360 attacaacae etatatatee aagaageatg cagagaagaa ttggtttgtt ggeeteaaga 420 agaatgggag etgeaaacge ggteetegga eteactatgg eeagaaagea atettgtte 480 teeeceetgee agteetetet gattaaagag atetgttetg gtgttgacea eteeagagaa 540 gtttegaggg gteeteacet ggttgacece aaaaatgtte eettgaceat tggetgeet 600 aacceecage ecacagagee tgaatttgta ageaactt

<210> 2

<211> 154

<212> PRT

<213> Homo sapiens

<400> 2

Ala Glu Gly Glu Ile Thr Thr Phe Thr Ala Leu Thr Glu Lys Phe Asn 1 5 10 15

Leu Pro Pro Gly Asn Tyr Lys Lys Pro Lys Leu Leu Tyr Cys Ser Asn 20 25 30

Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly Thr Val Asp Gly Thr 35 40 45

Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln Leu Ser Ala Glu Ser 50 55 60

Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr Gly Gln Tyr Leu Ala 65 70 75 80

Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln Thr Pro Asn Glu Glu 85 90 95

Cys Leu Phe Leu Glu Arg Leu Glu Glu Asn His Tyr Asn Thr Tyr Ile 100 105 110

Ser Lys Lys His Ala Glu Lys Asn Trp Phe Val Gly Leu Lys Lys Asn 115 120 125

Gly Ser Cys Lys Arg Gly Pro Arg Thr His Tyr Gly Gln Lys Ala Ile 130 135 140

Leu Phe Leu Pro Leu Pro Val Ser Ser Asp 145 150

<210> 3

<211> 638

<212> DNA

<213> Homo sapiens

<400> 3

gaattegggaacgegecacaageageagetgetgagecatggetgaaggggaaateacea60cetteacagecetgacegagaagtttaatetgeeteeagggaattacaagaageecaaae120teetetactgtageaacgggggecactteetgaggateetteeggatggeacagtggatg180ggacaagggacaggagegaecageacatteagetgeagetcagtgeggaaagegtggggg240aggtgtatataaagagtacegagactggeeagtacttggecatggacacegacggettt300tatacggeteacagacaceaaatgaggaatgtttgtteetggaaaggetggaggagaace360attacaacacctatatateeaagaagcatgcagagaagaattggtttgtggeeteaaga420agaatgggagctgcaaacgeggteetaaaactcactatggccagaaagcaatcttgttte480

teccetgee agtetettet gattaaagag atetgttetg gtgttgacea etecagagaa 540 gtttegaggg gteeteacet ggttgaceee aaaaatgtte eettgaceat tggetgeget 600 aaceeecage ceacagagee tgaatttgta ageaactt 638

<210> 4

<211> 154

<212> PRT

<213> Homo sapiens

<400> 4

Ala Glu Gly Glu Ile Thr Thr Phe Thr Ala Leu Thr Glu Lys Phe Asn 1 5 10 15

Leu Pro Pro Gly Asn Tyr Lys Lys Pro Lys Leu Leu Tyr Cys Ser Asn 20 25 30

Gly Gly His Phe Leu Arg Ile Leu Pro Asp Gly Thr Val Asp Gly Thr 35 40 45

Arg Asp Arg Ser Asp Gln His Ile Gln Leu Gln Leu Ser Ala Glu Ser 50 55 60

Val Gly Glu Val Tyr Ile Lys Ser Thr Glu Thr Gly Gln Tyr Leu Ala 65 70 75 80

Met Asp Thr Asp Gly Leu Leu Tyr Gly Ser Gln Thr Pro Asn Glu Glu 85 90 95

Cys Leu Phe Leu Glu Arg Leu Glu Glu Asn His Tyr Asn Thr Tyr Ile 100 105 110

Ser Lys Lys His Ala Glu Lys Asn Trp Phe Val Gly Leu Lys Lys Asn 115 $$ 120 $$ 125

Gly Ser Cys Lys Arg Gly Pro Lys Thr His Tyr Gly Gln Lys Ala Ile 130 135 140

Leu Phe Leu Pro Leu Pro Val Ser Ser Asp 145 150

<210> 5

<211> 31

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR primer

Lys Arg Gly Pro Lys Thr His Tyr Gly Gln

caaacgcggt cctcggactc actatggcca g

<400> 5